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DiMAGE DYNAX ACTIVA CENTURIA

DIGITAL CAMERA

World's first digital SLR camera with body-integral Anti-Shake technology

AS ANTI-SHAKE

DYNAX 7D

PictBridge

- Anti-Shake with CCD-Shift mechanism – effective at any focal length. Compatible with genuine DYNAX AF lenses*.
- Superior quality 6.1 megapixel images with a large CCD, CxProcess™ III, and advanced image processor
- Large, 2.5-inch high-definition LCD monitor
- Intuitive operation with easy-access dials and controls
- White balance control with fine tuning of color temperature
- High-performance 9-point auto focus system
- Multi-dimensional predictive auto focus
- High-capacity buffer memory for high-resolution continuous shooting
- High-performance viewfinder with optical glass pentaprism

* Except DYNAX AF Macro Zoom 3x – 1x.

ANTI-SHAKE

PictBridge

DiMAGE A2

- Superior quality 8.0 megapixel images with Konica Minolta GT Lens (all-glass APO lens system) and CxProcess™ II
- Anti-Shake system: unique CCD-shift mechanism for utmost stability over a wider range
- Innovative Super Fine EVF with 922,000 pixels: 60 fps / 30 fps, selectable
- Ultra-fast 3D AF: predictive focus control with subject tracking
- Versatile, high-quality movie recording
- 7x optical zoom (28 – 200 mm*) and 2x digital zoom * 35mm camera equivalent

ANTI-SHAKE

PictBridge

DiMAGE A200

- Superior quality 8.0 megapixel images with Konica Minolta GT Lens (all-glass APO lens system) and CxProcess™ III
- Anti-Shake system: unique CCD-shift mechanism for optimum stability over a wider range of shooting situations
- Vari-Angle LCD monitor rotates 270° vertical / 180° horizontal
- 28x total zoom: 28 mm – 200 mm 7x optical zoom and 4x digital zoom
- 11-point auto focus system with a variety of focus modes
- Wireless remote controller for shooting, playback, digital zoom, and more

Body colour variation in silver or black. Availability depends on region.

ANTI-SHAKE

PictBridge

NEW

DiMAGE Z5

- Superior quality 5.0 megapixel images with Konica Minolta GT Lens (all-glass APO lens system) and CxProcess™ III
- Anti-Shake system: unique CCD-shift mechanism
- Mega Zoom: 12x optical and 4x digital
- Rapid Auto Focus with Predictive Focus Control
- Large 2.0-inch LCD monitor for easier shooting
- High resolution VGA recording at a smooth 30 fps
- Compatible with Konica Minolta's external flashes
- Super Macro shot at 1 cm / 0.4 in. from the lens end

ANTI-SHAKE

PictBridge

DiMAGE Z3

- Superior quality 4.0 megapixel images with Konica Minolta GT Lens (all-glass APO lens system) and CxProcess™ II
- Anti-Shake system: unique CCD-shift mechanism
- Mega Zoom: 12x optical and 4x digital
- Rapid Auto Focus with Predictive Focus Control
- Compatible with Konica Minolta's external flashes
- High resolution VGA recording at a smooth 30 fps
- Super Macro shot at 1 cm / 0.4 in. from the lens end

DIGITAL CAMERA

PictBridge

NEW

DiMAGE Z20

- Superior quality 5.0 megapixel images with CxProcess™ III image processor
- Mega Zoom: 8x optical and 4x digital
- Ultra-fast startup: ready for shooting in 0.5 seconds
- Rapid Auto Focus with Predictive Focus Control
- Energy-saving design for recording up to 450 images*
- Super macro shot at 1 cm / 0.4 in. from the lens end
- High quality VGA and smooth 30 fps QVGA movie recording

* With an SD memory card and supplied AA alkaline batteries.

PictBridge

DiMAGE X50

- Superior 5.0 megapixel images with CxProcess™ II
- Large 2.0 inch LCD monitor for comfortable shooting
- Class-leading fast operation with 0.5 second startup
- Small and slim with non-protruding zoom: 2.8x optical and 4.3x digital
- A variety of creative functions: Image Pasting, Multi-frame, Crop Frame, color mode, and more.
- A variety of movie recording functions

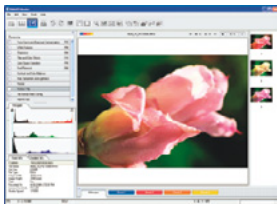
Body colour variation in silver, red, black, gunmetal grey, or blue.
Availability depends on region.

Marine Case MC-DG400

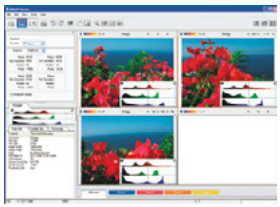
ACCESSORY FOR DiMAGE X50

- Water- and dust-proof for outdoor use
- Underwater shooting as deep as 40 m

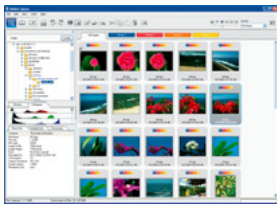
DiMAGE SOFTWARE



Advanced RAW Image Processing



Precise, Objective Image Comparison



Quick and Efficient Image Handling

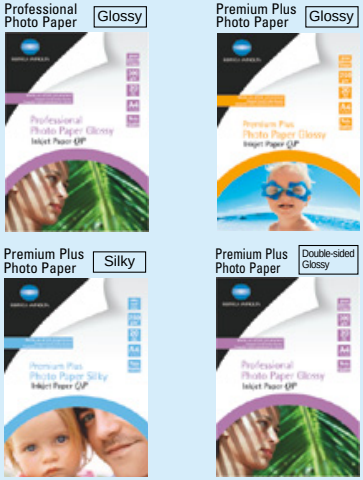
NEW

DiMAGE Master

- Image handling software with a suit of professional-level tools for extensive image correction
- Highly precise RAW data image processing, and high-quality printing with optimum color reproduction.
- Fast operation with high-speed browsing, quick selection of best shots, and effective image compensation due to batch settings

KONICA MINOLTA INKJET PAPER

Bringing you the perfect photo quality prints for all digital images captured with Konica Minolta digital cameras



35mm SLR CAMERA

DYNAX 7

- 9-point AF system with dual cross-hair centre sensor
- Instant and flexible AF / MF control
- 1 /8,000 second high-speed shutter
- Dot-matrix navigation display
- 35 custom settings
- Distance encoder system

DYNAX 60

- 9-point AF system with cross-hair centre sensor
- AF focus-point indication for accurate tracking of moving subjects
- Powerful built-in flash: GN 16 in meters (ISO 100)
- High-grade body design for responsive handling
- Clear and bright view with a spherical acute matte
- Aluminium-covered top panel

DYNAX 40

- Fast and precise AF system with Predictive Focus Control for moving subjects
- Full-Auto P Mode for hassle-free operation
- Versatile exposure system offers manual control, bracketing, Multiple Exposure, and more
- Subject Program Selection

LENS · FILM

A broad range of AF lenses for the versatility you require.

AF ZOOM LENSES

- AF 17 – 35mm f/2.8 – 4(D) NEW
- AF 17 – 35mm f/3.5 G
- AF 20 – 35mm f/3.5 – 4.5
- AF 24 – 105mm f/3.5 – 4.5(D)
- AF 28 – 70mm f/2.8 G
- AF 28 – 75mm f/2.8(D) NEW
- AF 28 – 100mm f/3.5 – 5.6(D)
- AF 70 – 200mm f/2.8 Apo G(D) SSM
- AF 70 – 210mm f/4.5 – 5.6 II
- AF 75 – 300mm f/4.5 – 5.6(D)
- AF 100 – 300mm f/4.5 – 5.6 Apo(D)
- AF 100 – 400mm f/4.5 – 6.7 Apo

WIDE-ANGLE LENSES

- AF 16mm f/2.8 Fisheye
- AF 20mm f/2.8
- AF 24mm f/2.8
- AF 28mm f/2
- AF 28mm f/2.8
- AF 35mm f/1.4 G

STANDARD LENSES

- AF 50mm f/1.4
- AF 50mm f/1.7

AF TELE CONVERTERS

- AF 1.4X Tele Converter Apo(D)
- AF 2X Tele Converter Apo(D)

TELEPHOTO LENSES

- AF 85mm f/1.4 G(D)
- AF 100mm f/2.8 SOFT FOCUS
- STF 135mm f/2.8 [T4.5]*
- AF 200mm f/2.8 Apo G
- AF 300mm f/2.8 Apo G
- AF 300mm f/2.8 Apo G(D) SSM
- AF 300mm f/4 Apo G
- AF 400mm f/4.5 Apo G
- AF Reflex 500mm f /8
- AF 600mm f/4 Apo G

MACRO LENSES

- AF 50mm f/2.8 Macro(D)
- AF 100mm f/2.8 Macro(D)
- AF 200mm f/4 Macro Apo G
- AF Macro Zoom 3X-1X f/1.7 – 2.8

"G" designates the G-Lens group, a selection of large-aperture, high-performance lenses. (D) indicates the distance encoder system. When attached to the DYNAX 7D, 60, 40, 7, 5, 4, or 3, the D lens makes features such as ADI (Advanced Distance Integration) flash metering possible with the Program Flash 5600 HS(D), 3600HS(D), 2500(D) as well as with each respective camera's built-in flash.

* Manual focus only

CENTURIA SUPER

The film to choose for vivid, natural colour and consistently superior results. Available in ISO 100, 200, 400, 800, and 1600 to suit a wide range of lighting conditions and shooting situations.

FLASH

Program Flash 5600HS(D)

- Guide No. 56 (ISO 100)
- Zoom flash coverage (24 – 85mm)
- Multi-Burst function
- High-Speed Sync (with DYNAX 7D, 9, 7, 60, 5, 800si, 505si Super, 505si)
- Two-way bounce head
- Remote off-camera control and ratio control
- ADI metering system*

Program Flash 3600HS(D)

- Guide No. 36 (ISO 100)
- Zoom flash coverage (24 – 85mm)
- High-Speed Sync (with DYNAX 7D, 9, 7, 60, 5, 800si, 505si Super, 505si)
- Bounce head
- ADI metering system*

Program Flash 2500(D)

- Guide No. 25 (ISO 100)
- Compact and affordable
- Bounce head
- ADI metering system*

* Advanced Distance Integration metering system
(with DiMAGE A2 / A200 / A1 / 7Hi / 7i / 7 / 5 , DYNAX 7D / 60 / 40 / 7 / 5 / 4 / 3, and D lenses)

Program Flash 2000xi

- Guide No. 20 (ISO 100)
- Coverage (35mm, 28mm with wide panel)
- Compact, easy to use

Macro Twin Flash 2400

- Guide No. 24 (ISO 100, two flashtubes)
- Flexible lighting
- Ideal for nature photography and small collectibles

Macro Ring Flash 1200

- Guide No. 12 (ISO 100, one flashtube)
- Shadowless lighting
- Ideal for medical and scientific photography

● The Macro Flash Controller is required for either macro flash unit.

METER

Flash Meter VI

- Integrated one-degree spot meter
- Latitude display aids in exposure decision.
- Analysis of flash-ambient ratio
- Brightness difference function
- Highlight / Shadow calculation

Auto Meter VF

- Ambient / flash light measurement
- Analysis of flash-ambient ratio
- Brightness difference function
- Highlight / Shadow calculation
- Digital and analogue readouts

Colour Meter III F

- Ambient / flash colour measurement
- Cord or cordless flash from 1 to 1/500 seconds
- Analysis of flash colour in mixed lighting
- Kelvin, mired or direct filtration readout
- Nine adjustable memory channels

Products on this page are handled at Konica Minolta Sensing, Inc.

Creative controls and superior functions for superb shots exactly as you intend

HEXAR RF

- Konica KM bayonet mount facilitates frequent lens changes.
- Rugged, die-cast aluminium body and titanium covers
- Two-image adjustment rangefinder with an extra-long 69.2mm base length
- A wide range of manual controls
- Automatically adjusted viewing frame size according to the lens mounted
- Automatic Dynamic Parallax Compensation for optimum framing
- Fast operation with automatic film loading and rewinding, plus continuous advance (max. 2.5 fps)
- Aperture priority exposure with AE lock
- Shutter speed range: 1 to 1/4000 s. (manual), 16 to 1/400 s. (AE)
- Convenient shutter speed readout in the finder

M-HEXANON Lens Series to meet your creative goals

M-HEXANON LENS 28mm / F2.8
Standard lens with wide angle, offering excellent aberration correction. Configuration: 8 elements in 7 groups

M-HEXANON LENS 35mm / F2
Wide-angle lens ideal for all-round snapshots photography. Configuration: 8 elements in 7 groups

M-HEXANON LENS 50mm / F2
Standard lens with extra-wide aperture setting. Gaus-type configuration with 6 elements in 5 groups.

M-HEXANON DUAL LENS 21-35mm / F3.4-4
Unique two-focus lens with dual focal lengths - 21mm and 35mm. Configuration: 11 elements in 10 groups.

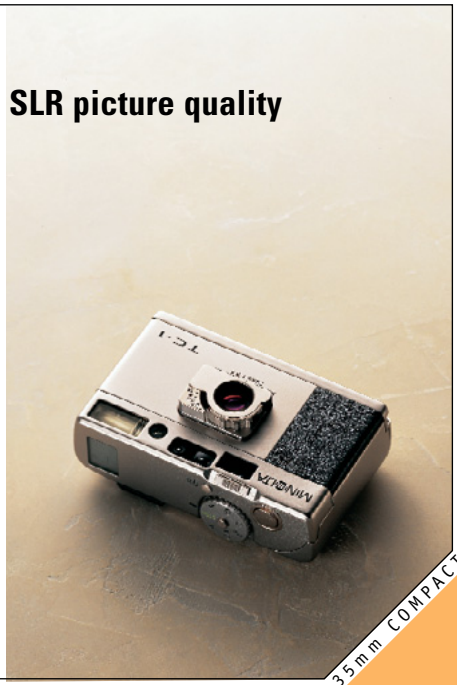
M-HEXANON LENS 90mm / F2.8
Small and lightweight telephoto lens for utmost portability. Ernostar-type configuration with 3 elements in 3 groups

Exclusive Flash HX-18W
Small but powerful with GN 18 in meters. Wide flash coverage for 28mm angle of view.

Ultra-compact, full-function camera with autofocus, autoexposure, and SLR picture quality

TC-1

- M-ROKKOR 28mm f/3.5 lens with 5 all-glass elements (including 3 aspheric surfaces) in 5 groups
- Titanium body: durable and anti-corrosive, yet lightweight and stylish
- Aperture priority AE mode with 4 selectable settings for added creativity
- Ultra-fast maximum-aperture lens-shutter speed: 1/350 second at f/3.5
- Centre-weighted or spot metering
- Exposure compensation: ±4 Ev in 0.5 increments
- External passive AF with 455 focusing steps
- Automatic AF illumination in dim light
- Manual focus range: 0.45m to infinity in 22 focusing zones
- Real-image viewfinder with an ultra-wide angle of view (analogue focus distance display available)
- Versatile built-in flash with slow-sync & red-eye reduction



Zoom 160c

- 37.5 – 160mm, 4.3x zoom lens
- 5-point multi AF for sharp focus even on off-centre subjects
- Slim and attractive body
- Fully automatic operation
- Versatile flash system with Auto Flash, Fill Flash, Red-Eye Reduction, Night Portrait, and Flash Cancel modes
- Continuous drive mode
- Film chamber lock

Zoom 150c

- 38 – 150mm, 4x zoom lens
- 5-point multi AF for sharp focus even on off-centre subjects
- +1.5EV Exposure Compensation mode
- Fully automatic operation
- Versatile flash system with Auto Flash, Fill Flash, Red-Eye Reduction, Night Portrait, and Flash Cancel modes
- Self-timer

Zoom 130c

- 38 – 130mm, 3.4x zoom lens
- Fully automatic operation
- Versatile flash system with Auto Flash, Fill Flash, Red-Eye Reduction, Night Portrait, Night View / Landscape, and Flash Cancel modes
- Long eye relief viewfinder
- Film chamber lock
- Self-timer

Zoom 110

- 38 – 110 mm 2.9x zoom
- Compact, slim and lightweight with a stylish shell
- Full auto operation: AF, AE, Autoflash, Auto-loading & rewind
- Long eye relief viewfinder: convenient for eyeglass wearers
- Versatile flash system
- Film chamber safety lock

Zoom 60

- 35 – 60 mm 1.7x zoom
- Slim and sleek with bright silver finish
- Fully automatic operation for point-and-shoot simplicity
- Auto Flash with Red-Eye Reduction, Fill Flash, and Flash Cancel
- Easy-to-confirm LCD data panel
- Self timer

CENTURIA AF10

- Auto focus for sharp images
- Large viewfinder for easy framing
- Auto flash and fill flash, plus red-eye reduction
- Close-up mode
- Automatic film transport
- Uses widely available AA batteries

CENTURIA EF20

- Focus-free lens
- Auto flash with Red-Eye Reduction
- Automatic film transport
- Uses widely available AA batteries

CENTURIA EF15

- Focus-free lens
- Built-in flash with Red-Eye Reduction
- Automatic film transport
- Uses widely available AA batteries

DiMAGE Scan Multi PRO

- Max. 4,800dpi optical resolution
- 16-bit A/D conversion and wide 4.8 dynamic range
- Medium format film compatibility
- Automatic image enhancement with Digital ICE^{3TM} technology
- Ultra SCSI and IEEE1394 (FireWire) interface
- Multi-sample scanning
- Colour matching

NEW

DiMAGE Scan Elite 5400 II

- Unsurpassable max. 5,400 dpi optical resolution
- Quick Scan System: high-speed focusing and scanning, plus Auto-Loading Index and High-Speed Preview
- 16-bit A/D conversion and multi-sample scanning
- Automatic image enhancement: Digital ICE^{4TM} and Pixel Polish
- Quick Scan Button, and easy-to-adjust manual focus dial
- Fast 25 seconds* final scan (35mm positive, at 5400 dpi, 121 MB image size)

* In Windows environments

DiMAGE Scan Dual IV

- Max. 3,200 dpi optical resolution
- 16-bit A/D conversion and multi-sample scanning
- Automatic image compensation with Auto Dust Brush and Pixel Polish
- Handles 35mm and Advanced Photo System film
- High-Speed USB 2.0 (also compatible with USB 1.1)
- Digital Grain Dissolver for smoother scans
- Exclusive 35mm film holder for 100% frame coverage

Advantages Over Flatbed Scanners

When it comes to scanning film or slides, the DiMAGE Scan film scanners are simply better!

- Greater focusing accuracy from specialised optics
- Higher optical resolution, which produces more detail
- Faster overall scan times due to brighter film illumination
- Safer film handling with specially designed holders
- A more sophisticated range of image correction software
- A smaller, space-saving footprint

8x42D WP SPORT
10x42D WP SPORT
8x42D WP XL
10x42D WP XL

ACTIVA

Top-of-the-line roof prism

- Exceptional operability during heavy-duty use
- Extra lightweight glass-fibre, polycarbonate body

8x25D WP XL
10x25D WP XL

ACTIVA

Double folding & roof prism

- Exceptionally slim and portable
- Lightweight, rubber-armoured body for heavy-duty use

8x25WP SPORT
10x25WP SPORT
12x25WP SPORT

ACTIVA

Stylish, sport type

- Compact and lightweight
- Bright images with multi-coated optics and Bak4 prisms
- Sure handling with rubber-armoured design
- Fully waterproof and fogproof
- Long eye-relief
- Click-stop diopter control for strain-free viewing

8-22x27FM
10-30x27FM

ACTIVA

compact zoom series

- Innovative centre zooming lever control for smooth tracking
- Superior images with fully multi-coated optics and Bak4 prisms
- Long eye-relief (8-22x27FM only)
- Click-stop diopter control for strain-free viewing

7x35WP.FP
7x50WP.FP
8x40WP.FP
10x50WP.FP
12x50WP.FP

ACTIVA

All-weather protection

- Bright images with fully multi-coated optics and Bak4 prisms
- Sure handling with rubber-armoured design
- Weatherproof and fogproof
- Long eye-relief
- Wide angle of view (excl. 7x50WP.FP)

Both lines further feature:

- Superior images with fully multi-coated optics and phase-coated Bak4 prisms
- Fully waterproof to 1 meter and fogproof
- Sure handling with rubber-armoured design
- Long eye-relief
- Click-stop diopter control for strain-free viewing (excl. 8x42D WP SPORT / 10x42D WP SPORT)

8x42WP
10x50WP
12x50WP

MINOLTA CLASSIC SPORT

- Bright images with multi-coating optics and Bak4 prism
- Long-eye relief and wide angle of view
- Waterproof, Nitrogen-filled
- Sure handling with rubber-armoured design

7x35WR
7x50WR
8x40WR
10x50WR

CLASSIC III NEW

- Bright images with multi-coated optics and Bak4 prisms
- Long-eye relief (7x50WR)
- Wide angle of view for moving subjects (excl. 7x50WR)
- Sure handling with rubber-armoured design
- Water resistant to light rain

UC III 6x16
UC III 8x18

ULTRA COMPACT

- Bright & clear images with multi-coated aspheric lenses
- Short minimum focusing distance: up to 1 m / 2 m (with 6x / 8x)
- Ultra lightweight & slim with roof prism

8x25WR
10x25WR

MINOLTA SPORT MINI

- Bright images with multi-coating optics
- Long-eye relief (8x25WR)
- Wide angle of view for moving subjects (10x25WR)
- Water resistant to light rain

8x25
10x25L

COMPACT II Super

- Bright images with multi-coating optics and Bak4 prism
- Long-eye relief
- The shortest minimum- focus distance in its class: approx. 2.3 m

	DYNAX 7D	DiMAGE A2	DiMAGE A200	DiMAGE Z5	DiMAGE Z3
No. of effective pixels**	6.1 million	8.0 million	8.0 million	5.0 million	4.0 million
CCD / No. of total pixels**	23.5 x 15.7 mm / 6.3 million	2/3 - type / 8.3 million	2/3 - type / 8.3 million	1/2.5 - type / 5.2 million	1/2.5 - type / 4.2 million
Lens focal length (35mm equiv.)	According to the Dynax AF lens used	28 - 200 mm	28 - 200 mm	35 - 420 mm	35 - 420 mm
Aperture		f / 2.8 - f / 3.5	f / 2.8 - f / 3.5	f / 2.8 - f / 4.5	f / 2.8 - f / 4.5
Optical / Digital zoom		7 x / 2 x	7 x / 4 x	12 x / 4 x	12 x / 4 x
Macro		●	●	● + super macro	● + super macro
Recording media	Type I & II CompactFlash card / Microdrive	Type I & II CompactFlash card / Microdrive	Type I & II CompactFlash card / Microdrive	SD Memory card / MultiMediaCard	SD Memory card / MultiMediaCard
File format	JPEG, RAW	JPEG, TIFF, Motion JPEG, RAW	JPEG, Motion JPEG, RAW	JPEG, Motion JPEG	JPEG, Motion JPEG
Storage capacity w. 16MB card (approx. no. of frame)	(w. 256-MB card, 3008 x 2000)	(w. 32-MB card, 3264 x 2448)	(w. 128-MB card, 3264 x 2448)	(2560 x 1920)	(2272 x 1704)
Economy	–	–	–	18	27
Standard / Normal	138	13	62	9	14
Fine	81	7	31	4	6
Extra Fine	41	3	19	–	–
TIFF	–	1	–	–	–
RAW	26	2	10	–	–
Movie (320 x 240, 15 fps)**	–	1 min., 26 s	5 min., 55 s	57 s	58 s
Auto / Manual focus	● / ●	● / ●	● / ●	● / ●	● / ●
Exposure control	P / A / S / M	P / A / S / M	P / A / S / M	P / A / S / M	P / A / S / M
Digital Subject Program Selection	–	Portrait / Sports action / Sunset / Night portrait · Nightview	Portrait / Sports action / Sunset / Night portrait	Portrait / Sports action / Landscape Sunset / Night portrait	Portrait / Sports action / Landscape Sunset / Night portrait
Sensitivity selection (ISO equiv.)	Auto, 100 / 200 / 400 / 800 /1600 / 3200	Auto, 64 / 100 / 200 / 400 / 800	Auto, 50 / 100 / 200 / 400 / 800	Auto, 50 / 100 / 200 / 320	Auto, 50 / 100 / 200 / 400
Shutter speed	30 - 1/4000 s	30 - 1/4000 s (in P / A mode)	30 - 1/3200 s (in P / A mode)	4 - 1/1000 s	4 - 1/1000 s (in P / A mode)
White balance control	Auto / 6-position preset / Custom	Auto / 6-position preset / Custom	Auto / 6-position preset / Custom 2	Auto / 5-position preset / Custom	Auto / 5-position preset / Custom
Continuous advance**	3 fps (3264 x 2448)	1.8 fps (3264 x 2448)	2.0 fps (3264 x 2448)	2.2 fps (2560 x 1920)	2.5 fps (2274 x 1704)
Movie recording (max.)	–	15 min. with audio at 15 fps	15 min. with audio	depends on memory card capacity	depends on memory card capacity
Audio recording length (max.)**	–	15 s, voice memo	–	–	–
LCD monitor	2.5 - type (6.3 cm)	1.8 - type (4.6 cm)	1.8 - type (4.6 cm)	2 - type (5.1 cm)	1.5 - type (3.8 cm)
PictBridge	●	●	●	●	●
Interface	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	Full-Speed 12 Mbps USB	Full-Speed 12 Mbps USB	Full-Speed 12 Mbps USB
AV output (NTSC / PAL)	●	●	●	●	●
Others	Anti-Shake	3D AF, Anti-Shake	Vari-angle LCD, Anti-Shake	Rapid Auto Focus, Anti-Shake, Mega zoom	Rapid Auto Focus, Anti-Shake, Mega zoom
Battery used	one lithium-ion	one lithium-ion	one lithium-ion	4 x AA (Ni-MH or Alkaline)	4 x AA (Ni-MH or Alkaline)
Battery performance *	(NP-400)	(NP-400)	(NP-800)	(Alkaline)	(Alkaline)
Continuous playback time**	–	240 min.	330 min.	240 min.	220 min.
No. of recorded frame**	400	280	260	240	170
External power source (w. specified AC adapter)	6 V DC	6 V DC	6 V DC	6 V DC	6 V DC
Dimensions (W x H x D) **	150 x 106 x 77.5 mm	117 x 85 x 113.5 mm	114 x 80 x 115 mm	108.5 x 80 x 84 mm	108.5 x 80 x 83.5 mm
Weight (w/o battery & media)**	760 g	565 g	505 g	340 g	335 g

* Konica Minolta measurement **approx.

DIGITAL CAMERA

	DiMAGE Z20	DiMAGE X50
No. of effective pixels**	5.0 million	5.0 million
CCD / No. of total pixels**	1/2.5 - type / 5.2 million	1 / 2.5 - type / 5.4 million
Lens focal length (35mm equiv.)	36 - 290 mm	37 - 105 mm
Aperture	f / 3.2 - f / 3.4	f / 2.8 - f / 5
Optical / Digital zoom	8 x / 4 x	2.8 x / 4.3 x
Macro	●	–
Recording media	Internal storage / SD Memory card / MultiMediaCard	SD Memory card / MultiMediaCard
File format	JPEG, Motion JPEG	JPEG, Motion JEPG
Storage capacity w. 16MB card (approx. no. of frame)	(2560 x 1920)	(2560 x 1920)
Economy	22	21
Standard / Normal	11	11
Fine	5	5
Extra Fine	–	–
TIFF	–	–
RAW	–	–
Movie (320 x 240, 15 fps)**	42 s	40 s
Auto / Manual focus	● / ●	● / –
Exposure control	P / A / S / M	Programmed AE
Digital Subject Program Selection	Portrait / Sports action / Landscape Sunset / Night portrait	Portrait / Sports action / Landscape / Sunset Night portrait /Text / Super Macro / Macro
Sensitivity selection (ISO equiv.)	Auto, 50 / 100 / 200 / 320	Auto, 50 / 100 / 200 / 400
Shutter speed	4 - 1/2000 s	4 - 1/1000 s
White balance control	Auto / 5-position preset / Custom	Auto / 4-position preset
Continuous advance**	1.0 fps (2560 x 1920)	1.9 fps
Movie recording (max.)	depends on memory card capacity	depends on memory card capacity
Audio recording length (max.)**	–	180 min., voice memo, audio caption
LCD monitor	1.5 - type (3.8 cm)	2.0 - type (5.0 cm)
PictBridge	●	●
Interface	Full-Speed 12 Mbps USB	Full-Speed 12 Mbps USB
AV output (NTSC / PAL)	●	–
Others	Rapid Auto Focus, Mega zoom	–
Battery used	4 x AA (Ni-MH or Alkaline)	one lithium-ion
Battery performance *	(Alkaline)	(NP-700)
Continuous playback time**	700 min.	170 min.
No. of recorded frame**	450	150
External power source (w. specified AC adapter)	6 V DC	4.7 V DC
Dimensions (W x H x D) **	109 x 82 x 94 mm	83.5 x 62 x 23.5 mm
Weight (w/o battery & media)**	300 g	125 g

* Konica Minolta measurement **approx.

FILM SCANNER

	DiMAGE Scan Multi PRO	DiMAGE Scan Elite 5400 II	DiMAGE Scan Dual IV
Film type	35mm	35mm positive / negative	35mm positive / negative
Films:	16mm	–	–
either color / B&W,	Medium format (120 / 220)	–	–
negative / positive	Transmission Electron Microscope	–	–
	Microfilm in aperture card	–	–
	–	–	APS (with optional APS adapter)
Optical resolution (35mm film)	4,800 dpi	5,400 dpi	3,200 dpi
Light source	Cold-cathode fluorescent tube	White LED	3-wave cold-cathode fluorescent tube
Multi-sample scanning	2x, 4x, 8x, 16x, OFF	2x, 4x, 8x, 16x, OFF	2x, 4x, 8x, 16x, OFF
Continuous scan			
- 35mm Film Holder	Max. 6 frames	Max. 6 frames	Max. 6 frames
- Slide Mount Holder	Max. 4 frames	Max. 4 frames	Max. 4 frames
A / D conversion	16 bits	16 bits	16 bits
Output data (per color channel)	8 bits / 16 bits	8 bits / 16 bits	8 bits / 16 bits
Dynamic range	4.8	4.8	4.8
Scan Time* (approx., w. 35mm positive film)		AE off, at 5,400 dpi	
- Windows: Preview / Final	9 s / 49 s (IEEE 1394)	12 s / 25 s (USB 2.0) Index + Preview / Final	5 s / 21 s (USB 2.0)
- Macintosh: Preview / Final	10 s / 56 s (FireWire) * Digital ICE3 off, at 4,800 dpi	16 s / 30 s (USB 2.0) Index + Preview / Final	8 s / 21 s (USB 2.0) * AF off, at 3,200 dpi
Autofocus	●	●	●
Point AF	●	●	●
Manual focus	●	●	●
Dust removal	●	●	●
Color reconstruction	●	●	●
Grain management	●	●	●
Interface	Ultra SCSI, IEEE1394	USB 2.0 / 1.1	USB 2.0 / 1.1
Power requirements	AC 100 - 240 V, 50 / 60 Hz	AC100-120,200-240,50/60 Hz	AC100-120,200-240,50/60 Hz
Max. power consumption	40 W	20 W	30 W
Dimensions (W x H x D) (approx.)	168 x 128 x 377 mm	70 x 165 x 345 mm	145 x 100 x 325 mm
Weight (approx.)	4 kg	1.5 kg	1.5 kg

* Konica Minolta measurement. Scan times will be longer with negative film.

Model Name	DYNAX 7	DYNAX 60	DYNAX 40
Autofocus			
AF sensor	12 CCD sensors	9 CCD sensors	3 CCD sensors
Predictive focus control	●	●	●
AF illuminator	LED	Built-in flash	Built-in flash
Working range (ISO 100)	EV - 1 to 18	EV - 1 to 18	EV - 1 to 18
Shutter			
Speed range	1 / 8000-30 s, B	1 / 2000 - 30 s, B	1 / 2000 - 30 s, B
Flash sync			
Fastest X-sync speed	1 / 200 s	1 / 90 s	1 / 90 s
High-speed sync flash control	●	●	–
Exposure			
Metering	14-segment honeycomb-pattern, Centre-weighted average, Spot	14-segment honeycomb-pattern, Centre-weighted average, Spot	2-segment
Modes	P / PA / PS / A / S / M	P / PA / PS / A / S / M	P / A / S / M
Subject program selection		●	●
Exposure compensation	± 3 EV	± 3 EV	± 3 EV
Exposure bracketing	●	●	●
Multiple exposure	● (2 or more)	● (Double)	● (Double)
Viewfinder			
Long eye-relief	●	–	–
Film-speed setting			
Automatic setting range	ISO 25 - 5000	ISO 25 - 5000	ISO 25 - 3200
Manual setting range	ISO 6 - 6400	ISO 6 - 6400	ISO 6 - 6400
Built-in flash			
Coverage	24 mm	28 mm	28 mm
Guide No. (ISO 100)	12	16	12
ADI flash metering*	●	●	●
Remote off-camera flash	●	●	–
Film transport			
Max. frames per second	4	3	1.7
Other features	• Depth of field preview • PC / Remote-control terminal • Dot-matrix navigation display	• Depth of field preview • Custom functions 14 items • IR remote-control • Data imprinting	
Power source	CR123A x 2	CR2 x 2	CR2 x 2
Dimensions (W x H x D) (approx.)	143.5 x 97.5 x 65.5 mm	135 x 92 x 66.5 mm	135 x 92 x 66.5 mm
Weight (w/o battery)	575 g	375 g	335 g

* Works only with (D) lenses

Model Name	HEXAR RF
Type	35mm interchangeable lens, rangefinder focal-plane shutter camera
Lens	M-HEXANON lenses, Konica KM bayonet mount
Shutter	Electronic, vertical focal-plane type
Shutter speed range	Auto: 16 – 1/4000 s Manual: 1 – 1/4000 s, B
Film speed setting range	Automatic setting: ISO 25 – 5000 Manual setting: ISO 6 – 6400
Viewfinder	Real image, reverse Galilean type, double-image superimposing rangefinder
Viewfinder display	Shutter speed (1/4 – 1/4000 s, 1Ev step), exposure compensation mark
Viewing frame	Automatic bright-frame conversion, automatic parallax compensation
Exposure control	Aperture-priority AE / manual selectable. AE lock possible
Exposure compensation	±2Ev in 1/3 increments
Film transport	Automatic advance: max. 2.5 fps continuous advance, motorised re-winding (mid-roll rewind possible). Rewind time: approx. 13 s (with a 36-exp. roll)
Flash	Direct X contact Flash coverage for 28mm angle of view, synchronised at shutter speeds 1/125 s (with AE), or slower (manual exposure)
Other features	• TTL centre-weighted metering • Self-timer • Direct-contact hot shoe • Cable release socket
Power source	3V lithium x 2
Dimensions (WxHxD)	139.5 x 80 x 35 mm (approx.)
Weight (w/o battery)	560 g

Model Name	ZOOM 160c	ZOOM 150c	ZOOM 130c	ZOOM 110	ZOOM 60
Zoom range	4.3x	4x	3.4x	2.9x	1.7x
Lens	37.5 - 160 mm f / 5.4 - 12.4	38 - 150 mm f / 5.4 - 12.4	38 - 130 mm f / 5.4 - 12.5	38 - 110 mm f / 5.4 - 10.5	35 - 60 mm f / 6.3 - 10.3
Autofocus	● (Passive)	● (Passive)	● (Active)	● (Active)	● (Active)
Autoexposure	●	●	●	●	●
Continuous drive	●	–	–	–	–
Self-timer	●	●	●	●	●
Auto flash with red-eye reduction	●	●	●	●	●
Film chamber lock	●	●	●	●	–
Dimensions (W x H x D)	110.5 x 60.5 x 46.5 mm	113 x 60 x 45 mm	114 x 62.5 x 46 mm	114 x 62.5 x 46 mm	115 x 67 x 39 mm
Weight (w/o battery)	190 g	190 g	195 g	185 g	190 g

Model Name	CENTURIA AF10	CENTURIA EF20	CENTURIA EF15
Autofocus	●	●	–
Film transport	Automatic	Automatic	Automatic
Auto flash	●	●	–
Red-eye reduction	●	●	●
Battery	AA batteries	AA batteries	AA batteries
Dimensions (WxHxD)	110 x 67 x 46 mm	110 x 65.5 x 38.5 mm	105 x 61.5 x 35 mm
Weight (wo/battery)	150 g	140 g	100 g

Model Name	TC-1
Type	35mm lens shutter camera with auto/ manual focus and built-in flash
Lens	G-Rokkor 28mm f/3.5 lens; 5 elements in 5 groups (incl. 3 aspheric surfaces, all elements made of optical glass)
Focusing type	External passive autofocus with focus lock; 22 manual zone focus settings; built-in AF illuminator
Focusing range	0.45 m to infinity with 455 steps
Max. magnification	Approx. 1/13.5 x
Exposure control	Aperture-priority; manual aperture setting (f/3.5, 5.6, 8, & 16). Automatic Aperture Compensation at f/3.5 & f/5.6
Metering system	2-segment centre weighted / Spot
Metering modes	Centre weighted: Ev 1.5 – 17 (f/3.5, 4 s – f/13.5, 1/750 s at ISO 100). Spot: Ev 2.5 – 17 (f/3.5, 2 s – f/13.5, 1/750 s at ISO 100)
Exposure compensation	±4 Ev in 1/2 increments
Flash type	Built-in, fixed flash
Flash modes	Flash on, Flash cancel, Night Portrait (Slow Sync)
Flash range	0.45 m to 2.0 m (ISO 100)
Recycling time	5 seconds
Red-Eye reduction	Cancelable, lamp type
Guide number	7 in meters at ISO 100
Viewfinder type	Real-image
Finder magnification	0.4 x
Field of view	85% at 3 m
Diopter	-2.5 – 1 dpt.
Film speed setting	Auto DX-code setting; manual setting, Non-DX-coded film set to 100
Setting range	Auto: ISO 25 – 3200 in 1/3 Ev increments Manual: ISO 6 – 6400 in 1/3 Ev increments
Film transport	Automatic motorised film transport, first frame setting, film advance and film rewind; manual film rewind also possible
Self-timer	10-second or 2-second delay, lamp type, cancelable
Power source	3 V lithium cell (CR123A / DL123A)
Batt. performance*	Approx. 13 rolls
Dimensions (WxHxD)	99 x 59 x 29.5 mm
Weight (w/o battery)	185 g

*Based on Konica Minolta measurement, with 24-exp. film, 50% flash use